

To: Technology Center: 2638  
Facsimile Number: 571-273-8300

Total Pages Sent: 11

From: Abdul Zindani  
Texas Instruments Incorporated  
Facsimile: 972-917-4418  
Phone: 972 917-5137

RECEIVED  
CENTRAL FAX CENTER

APR 04 2006

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re the Application of:

	Richard G.C. Williams, et al.	Docket No.: TI-33323
Serial No:	10/026,319	Filed: December 20, 2001
Art Unit:	2638	Examiner: Emmanuel Bayard
Customer No.:	23494	Conf. No.: 8043
Title:	Low-Power Packet Detection Using Decimated Correlation	

## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

Marianna Smith  
Marianna Smith

4-4-06  
Date

## FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b>	<input checked="" type="checkbox"/> <b>AMENDMENT</b> <u>111</u> (10 Pages)																
<input type="checkbox"/> NEW APPLICATION	<input type="checkbox"/> EOT <u>        </u> (# Page)																
<input type="checkbox"/> DECLARATION (# Pages)	<input type="checkbox"/> NOTICE OF APPEAL (# Pages)																
<input type="checkbox"/> ASSIGNMENT (# Pages)	<input type="checkbox"/> APPEAL <u>        </u> (# Pages)																
<input type="checkbox"/> FORMAL DRAWINGS	<input type="checkbox"/> ISSUE FEE (# Pages)																
<input type="checkbox"/> INFORMAL DRAWINGS	<input type="checkbox"/> REPLY BRIEF (IN TRIPLICATE) (# Pages)																
<input type="checkbox"/> CONTINUATION APP'N (# Pages)																	
<input type="checkbox"/> DIVISIONAL APP'N																	
<table border="1"> <tr> <td colspan="2">NAME OF INVENTOR(S): <b>Richard G.C. Williams, et al.</b></td> <td colspan="2">RECEIPT DATE &amp; SERIAL NO.: <b>Serial No.: 10/026,319</b></td> </tr> <tr> <td colspan="2">TITLE OF INVENTION: <b>Low-Power Packet Detection Using Decimated Correlation</b></td> <td colspan="2"></td> </tr> <tr> <td>TI FILE NO.: <b>TI-33323</b></td> <td>DEPOSIT ACCT. NO.: <b>20-0668</b></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">FAXED: 4/4/2006 DUE: 4/17/2006 ATTY/SECY: AZ/ms</td> <td colspan="2"></td> </tr> </table>		NAME OF INVENTOR(S): <b>Richard G.C. Williams, et al.</b>		RECEIPT DATE & SERIAL NO.: <b>Serial No.: 10/026,319</b>		TITLE OF INVENTION: <b>Low-Power Packet Detection Using Decimated Correlation</b>				TI FILE NO.: <b>TI-33323</b>	DEPOSIT ACCT. NO.: <b>20-0668</b>			FAXED: 4/4/2006 DUE: 4/17/2006 ATTY/SECY: AZ/ms			
NAME OF INVENTOR(S): <b>Richard G.C. Williams, et al.</b>		RECEIPT DATE & SERIAL NO.: <b>Serial No.: 10/026,319</b>															
TITLE OF INVENTION: <b>Low-Power Packet Detection Using Decimated Correlation</b>																	
TI FILE NO.: <b>TI-33323</b>	DEPOSIT ACCT. NO.: <b>20-0668</b>																
FAXED: 4/4/2006 DUE: 4/17/2006 ATTY/SECY: AZ/ms																	

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265

BEST AVAILABLE COPY

APR 04 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re the Application of:

	Richard G.C. Williams, et al.	Docket No.:	TI-33323
Serial No:	10/026,319	Filed:	December 20, 2001
Art Unit:	2638	Examiner:	Emmanuel Bayard
Customer No.:	23494	Conf. No.:	8043
Title:	Low-Power Packet Detection Using Decimated Correlation		

---

## CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile transmitted to the United States Patent and Trademark Office on

*Marianna Smith*  
Marianna Smith

4-4-06  
Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT PURSUANT TO 37 CFR 1.111**

Dear Sir:

This amendment is in response to the Office Action dated 1/17/2006, having a statutory period for response set to expire on 4/17/2006.

Amendments to Claims begin on page 2.

Remarks/Arguments begin on page 7.

TI-33323 - 1 -